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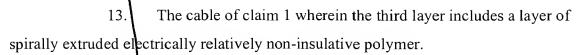
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40 A high voltage cable including a fiber core, a first layer of an electrically relatively non-insulative polymer, a second layer of an electrically relatively non-conductive polymer, a third layer of an electrically relatively noninsulative polymer, a fourth layer including a metal braid shield, and a fifth layer including a relatively solvent- and abrasive-resistant polymer jacket.

- The cable of claim 1 wherein the fiber core includes a stranded 2. 4, 5-10 fiber polyester core.
- The cable of claim 2 wherein the fiber core is impregnated to 3. increase its bulk conductivity. (455)
 - The cable of claim 3 wherein the fiber core is impregnated with 4. carbon black. Gilicon
- The cable of claim 1 wherein the fiber core is impregnated to 5. increase its bulk conductivity.
 - The cable of claim 5 wherein the fiber core is impregnated with 6. carbon black.
 - The cable of claim 1 wherein the first layer includes a layer of 7. 4,50-55 semiconductive polyethylene
 - The cable of claim 7 wherein the layer of semiconductive 8. polyethylene includes a layer ϕ f carbon black-loaded polyethylene.
 - The cable of claim 1 wherein the second layer includes a layer 9. of electrically relatively non-conductive polyethylene. 5, 63-65
- The cable of claim 9 wherein the layer of electrically relatively 10. non-conductive polyethylene includes a layer of relatively high molecular weight, 25 relatively low density polyethylene.
 - The cable of claim 1 wherein the third layer includes a layer of 11. electrically relatively non-insulative polyvinyl chloride.
- The cable of claim 11 wherein the layer of electrically 12. relatively non-insulative polyvinyl chloride includes a layer of spirally extruded ,0² 30 electrically relatively non-insulative polyvinyl chloride.

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14. The cable of claim 1 wherein the metal braid shield includes a copper-containing braid shield.

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Shield further contains tin.

The cable of claim 14 wherein the copper-containing braid tin.

16. The cable of claim 1 wherein the metal braid shield includes a tin-containing braid shield.

- 17. The cable of claim 1 wherein the metal braid shield includes a metal braid covering between about 85% and about 100% of the outside surface of the third layer 26 of electrically relatively non-insulative polymer.
 - 18. The cable of claim 1 wherein the pitch of the braid of the metal braid shield is between about 0° and about 20° to a perpendicular to the longitudinal extent of the cable.
- 15 The cable of claim 1 wherein the polymer jacket includes a flexible polyurethane jacket.
 - 20. The cable of claim 1 in combination with a high magnitude electrostatic potential supply, a device for the electrostatically aided atomization and dispensing of a coating material, a source of the coating material coupled to the device, the high voltage cable coupling the potential supply to the device.

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